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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Akinari TODOROKI et al.

Group Art Unit: 2124

Application No.: 10/046,698

Examiner: C. Ngo

Filed: January 17, 2002

Docket No.: 111687

For: FILTERING METHOD AND APPARATUS

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

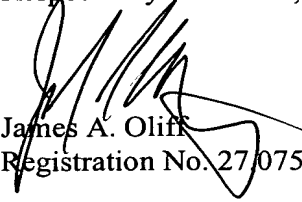
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references were cited in a counterpart foreign application.
- ☒ 3. English language Abstracts of the non-English language references are attached hereto.

- ☒ 4. A computer-generated English language translation of the following Japanese Patent Publication has been obtained from the website of the Japanese Patent Office (<http://www.jpo.go.jp>), and is attached, but has not been reviewed for accuracy. See References 1-4.

Respectfully submitted,


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Date: May 20, 2005

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Sheet 1 of 1

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 111687		APPLICATION NO. 10/046,698	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Akinari TODOROKI et al.			
				FILING DATE January 17, 2002		GROUP 2124	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
	1	JP-A-2001-356799 w/ English Abstract & Translation	12-26-2001	Japan			
	2	JP-A-2000-323993 w/ English Abstract & Translation	11-24-2000	Japan			
	3	JP-A-2000-286713 w/ English Abstract & Translation	10-13-2000	Japan			
	4	JP-A-07-210196 w/ English Abstract & Translation	08-11-1995	Japan			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
	5	Konstantinos Konstantinides, "Fast Subband Filtering in MPEG Audio Coding," IEEE Signal Processing Letters, Vol. 1, No. 2, pp. 26-28, February 1994					
	6	Scott B. Marovich, "Faster MPEG-1 Layer III Audio Decoding," Computer Systems and Technology Laboratory, Hewlett Packard, pp. 1-10, June 2000					
	7	Krister Lagerström, "Design and Implementation of an MPEG-1 Layer III Audio Decoder," Design and Implementation of an MP3 Decoder, pp. 1-44, May 2001					
EXAMINER					DATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: May 20, 2005